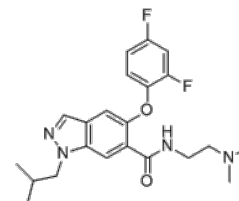


Product Name : ARRY-371797
Cat. No. : PC-72610
CAS No. : 1036404-17-7
Molecular Formula : C₂₂H₂₆F₂N₄O₂
Molecular Weight : 416.473
Target : p38 MAPK
Solubility : 10 mM in DMSO



Biological Activity

ARRY-371797 (ARRY371797) is a potent, selective, oral **p38 α** inhibitor with IC₅₀ of <5 nM, directly inhibits LPS-induced IL-6 production from RPMI-8226 with IC₅₀ of 0.1 nM.

ARRY-797 (30 mg/kg, oral) inhibits LPS induced IL-6 and TNF-alpha in SCID-beige mice; inhibited LPS-induced phosphorylation of p38 in RPMI-8226 xenografts.

ARRY-797 is the first small molecule p38 inhibitor to demonstrate single agent activity in a MM xenograft model.

References

Dale Wright, PhD, et al. *Blood* (2006) 108 (11): 3478.

Muchir A, et al. *Hum Mol Genet.* 2012 Oct 1;21(19):4325-33.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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